

11 Advance Mathematics

M6L4 – Natural Logarithms

Name in English:

Solve each equation. Round the nearest ten-thousandth.

1. $\ln(x - 6) = 1$

2. $\ln(x + 2) = 3$

3. $\ln 3x + \ln 2x = 9$

4. $\ln 5x + \ln x = 7$

5. $\ln 3x = 2$

6. $2e^x - 1 = 11$

7. $5e^x + 3 = 18$

8. $e^{3x} = 30$

9. $4 + e^x = 19$

10. $2e^x - 3 = 1$